



P.C. 2108.91

17 692958

#10/1
C. Ruffin
6/5/91

PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of)
LAWRENCE A. JOHNSON)
Method to Preselect the)
Sex of Offspring)
)
)
)
)
)

The Honorable
The Commissioner of Patents & Trademarks
Sir:

PRELIMINARY AMENDMENT

Please amend the above-identified application:

IN THE CLAIMS

Cancel Claims 1-8 and substitute the following:

9. A method for sorting mammalian sperm into X- and
Y-chromosome-bearing populations based on DNA content, the method
comprising:

a) staining sperm collected from a male mammal with a fluorescent
dye capable of selectively staining DNA in living cells by incubating
the sperm with the dye at a temperature in the range of about
30°-39° C for a period of time sufficiently long for staining

I hereby certify that this correspondence is being
deposited with the U.S. Postal Service as
first class mail in an envelope addressed to: Commis-
sioner of Patents and Trademarks, Washington, D.C.
20231, on April 22, 1991
(Date of Deposit)

Curtis P. Ribando

Name of Applicant, assignee, or
Registered Representative

Curtis P. Ribando

Signature

April 22, 1991

Date of Signature